

Title (en)  
SOFT CONTAINER AND METHOD OF MANUFACTURING THE CONTAINER, AND HIGHLY VISCOUS CONDITIONED LIQUID FILLED BODY

Title (de)  
WEICHER BEHÄLTER UND VERFAHREN ZUR HERSTELLUNG DES BEHÄLTERS SOWIE MIT HOCHVISKOSE FLÜSSIGKEIT GEFÜLLTER KÖRPER

Title (fr)  
CONTENANT MOU ET PROCEDE DE FABRICATION DU CONTENANT, ET CORPS REMPLI D'UN LIQUIDE CONDITIONNE A TRES FORTE VISCOSITE

Publication  
**EP 1331174 A1 20030730 (EN)**

Application  
**EP 01967738 A 20010920**

Priority

- JP 0108161 W 20010920
- JP 2000290895 A 20000925

Abstract (en)  
The flexible container relating to the present invention comprises a cylindrical member (10) made from flexible film, a bottom plate member (12) which is harder than the flexible film, fitted into the inner side of a first end section of the cylindrical member (10) and fused-bonding airtightly; and a ring member (11) which is harder than the flexible film, fitted into the inner side of a second end section of said cylindrical member (10) and fused-bonding airtightly. According to this flexible container (2), it is possible greatly to reduce the volume of the container after discharging the highly viscous material from the flexible container, and it is possible to achieve small and inexpensive moulds having excellent productivity as moulding equipment for forming the bottom plate member (12) and the ring member (11), thereby achieving benefits in that the price of the equipment can be reduced significantly. <IMAGE>

IPC 1-7  
**B65D 35/30**; B65D 35/02; B29C 57/00; B29C 53/40

IPC 8 full level  
**B05C 5/00** (2006.01); **B65D 6/28** (2006.01); **B65D 8/04** (2006.01); **B65D 35/10** (2006.01); **B65D 35/12** (2006.01); **B65D 35/30** (2006.01); **B65D 41/50** (2006.01); **B65D 83/00** (2006.01); B29C 53/42 (2006.01); B29C 65/02 (2006.01)

CPC (source: EP US)  
**B65D 35/12** (2013.01 - EP US); **B65D 35/30** (2013.01 - EP US); **B65D 83/0072** (2013.01 - EP US); **B05C 17/00583** (2013.01 - EP); **B29C 53/42** (2013.01 - EP US); **B29C 65/02** (2013.01 - EP US); **B29C 66/5344** (2013.01 - EP US); **B29C 66/542** (2013.01 - EP US); **B29C 66/543** (2013.01 - EP US); **B29C 66/5432** (2013.01 - EP US); **B29C 66/545** (2013.01 - EP US); **B29C 2793/0081** (2013.01 - EP US); **B29L 2031/712** (2013.01 - EP US)

Cited by  
DE102005006827A1; EP3835230A1; EP3834948A1; EP1762370A1; DE102004022374B4; EP2045189A1; EP4108598A3; EP4046713A1; EP4243035A3; EP2511194A3; EP3835229A1; US7793800B2; US11639241B2; WO2007029127A1; WO2021115878A1; WO2017001387A1; WO2006111297A1; WO2021115844A1; WO2021115834A1; DE102008014773A1; EP2161216A1; US8955720B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1331174 A1 20030730**; **EP 1331174 A4 20060927**; **EP 1331174 B1 20101124**; **EP 1331174 B2 20131218**; AT E489298 T1 20101215; CN 1231393 C 20051214; CN 1466535 A 20040107; DE 60143539 D1 20110105; JP 2002104448 A 20020410; JP 3636052 B2 20050406; US 2004026432 A1 20040212; US 2008127616 A1 20080605; US 7322918 B2 20080129; US 8276755 B2 20121002; WO 0224539 A1 20020328

DOCDB simple family (application)  
**EP 01967738 A 20010920**; AT 01967738 T 20010920; CN 01816280 A 20010920; DE 60143539 T 20010920; JP 0108161 W 20010920; JP 2000290895 A 20000925; US 38076503 A 20030811; US 98490307 A 20071126